

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS FO Box 1430 Alexandria, Virginia 22313-1450 www.tepto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/580,908	05/30/2006	Akio Imai	0152-0734PUS1	9354
2392 7590 02/19/2010 BIRCH STEWART KOLASCH & BIRCH PO BOX 747			EXAMINER	
			CHANG, CELIA C	
FALLS CHURCH, VA 22040-0747			ART UNIT	PAPER NUMBER
			1625	
			NOTIFICATION DATE	DELIVERY MODE
			02/19/2010	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail $\,$ address(es):

mailroom@bskb.com

Application/Control Number: 10/580,908

Art Unit: 1625

---ATTACHMENT TO ADVISORY-

The after final amendment filed by applicants dated Feb. 5, 2010 will not be entered because of the following reason:

- 1. Applicants presented that the using of "THF, Toluene or a solvent mixture of toluene and alcohol wherein the reaction solvent has a volume 7 to 10 times of the compound" is an unexpected limitation based on state of the art at the time the invention was made.
- 2. The limitation was based on description on page 12 and examples 1-6 of the specification.

A survey of the specification indicated that p. 12 disclosed broadly solvent systems without any volume limitation. Examples 1-6, during hydrogenation, employed the following reaction solvents and volume:

Example 1—solvent THF 740 ml*

Example 2—mixture 560 ml toluene, 140 ml methanol*

Example 3—104 ml THF

Example 4-700 ml THF*

Example 5—104 ml THF

Example 6—mixture 560 ml toluene 140 ml methanol*.

Therefore, the limitation of 7-10 volume was found for THF or Tolumene+methanol which does not support the scope of "THF, *toluene* or mixture of toluene and alcohol".

3. The scope of "THF, <u>Toluene</u> or a solvent mixture of toluene and alcohol wherein the reaction solvent has a volume 7 to 10 times of the compound" therefore, lacks antecedent basis.